



## Flood Authority Ongoing Efforts – February 2010

Effort	Description	Status
General Investigation (GI)	Participate in an effort to study and develop projects for ecosystem restoration and flood reduction in the Chehalis basin.	The GI Work Group met to discuss the draft PMP on February 4 <sup>th</sup> . The Work Group will meet with the Corps on February 25 <sup>th</sup> .
Flood Plan	Revise the draft Flood Plan, share with the public, and move towards adoption/approval.	The current draft of the Flood Plan will be distributed to the Flood Authority in March. The Authority will be asked to approve public meetings on the current draft (to be held in early April).
Regulatory Work Group	Work with jurisdiction staff to prepare a set of regulatory recommendations.	The work of the Regulatory Work Group is complete and was shared with the Flood Authority at the January 21 <sup>st</sup> meeting. The results have been incorporated into the Flood Plan.
Coordinated Study	Develop comparable timely data on the Twin Cities project and an upstream storage facility, and determine if there is a feasible combination of the two.	The concept of the Coordinated Study was presented to the Authority on January 21 <sup>st</sup> . A detailed scope and RFQ will be presented for Flood Authority approval on February 18 <sup>th</sup> .
Supplemental Budget	Request reappropriation of state funds to continue Flood Authority work in FY 10/11.	A \$2.303 million reappropriation has been included in the Governor's budget. The legislative session is currently ongoing.
Flood District Formation	Move toward formation of a permanent governance and finance structure.	An RFQ for a firm to assist in decision-making and formation of a Flood Control District or Flood Control Zone District will be presented for Flood Authority approval on February 18 <sup>th</sup> .
Public Involvement	Conduct outreach to Flood Authority stakeholders.	ESA Adolfson has prepared a public update for February 2010 (see attached). The Flood Authority will hold public meetings on the Flood Plan in early April.



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Ripe & Ready Studies	Description	Status
Upstream Storage Phase 2 Feasibility Study	Fund Lewis County PUD evaluation of water storage facilities on the upper Chehalis River.	The scope and funding of Phase 2B was approved by the Flood Authority on January 21 <sup>st</sup> . Authorization to begin will be given when further information from the Corps of Engineers related to in-kind service is available.
Skookumchuck Dam Modification Feasibility	Conduct a feasibility study to determine if some modification can allow for faster drawdown of the reservoir during flood events.	Proceeding via TransAlta.
Early Warning Program	Work with emergency management staff of local jurisdictions to design and implement a system to warn citizens in advance of an anticipated flood event.	Proceeding via WEST Consulting. WEST has held meetings with local emergency management staff and is developing recommendations for presentation to the Flood Authority.
Ecosystem Services	Conduct an economic analysis to value flood protection and other ecosystem services in the basin to help select projects.	Proceeding via Earth Economics. ESA Adolfson is currently reviewing a draft report.
Lower-basin Hydraulic Model	Develop a model for the basin below Grand Mound to provide consistent information with the upper-basin model.	FEMA will be developing a hydraulic model of the lower basin as part of a flood study for the area. ESA Adolfson is currently considering whether the Flood Authority should proceed with its own model for the purpose of the Coordinated Study.
Seamless LiDAR	Fill gaps in basin LiDAR information to provide consistent topographical information for modeling and analysis.	Proceeding via Lewis County. LiDAR flights have been contracted and are awaiting appropriate weather.
Decision Support Tool (DST)	Support USGS in developing a tool to accurately predict runoff in the basin.	See attached memo from ESA Adolfson detailing the current status of this project.